

FIG. 1

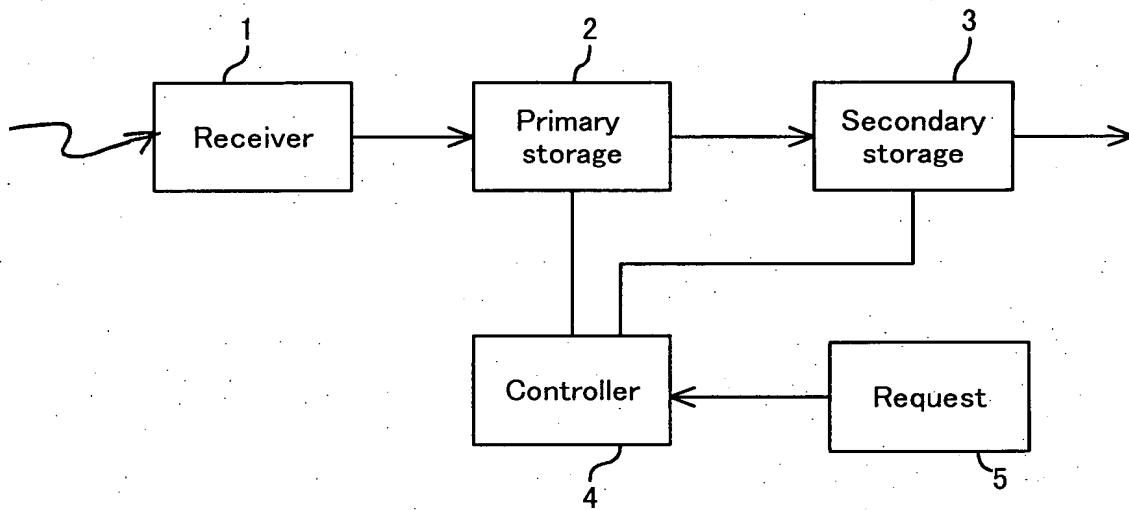


FIG. 2

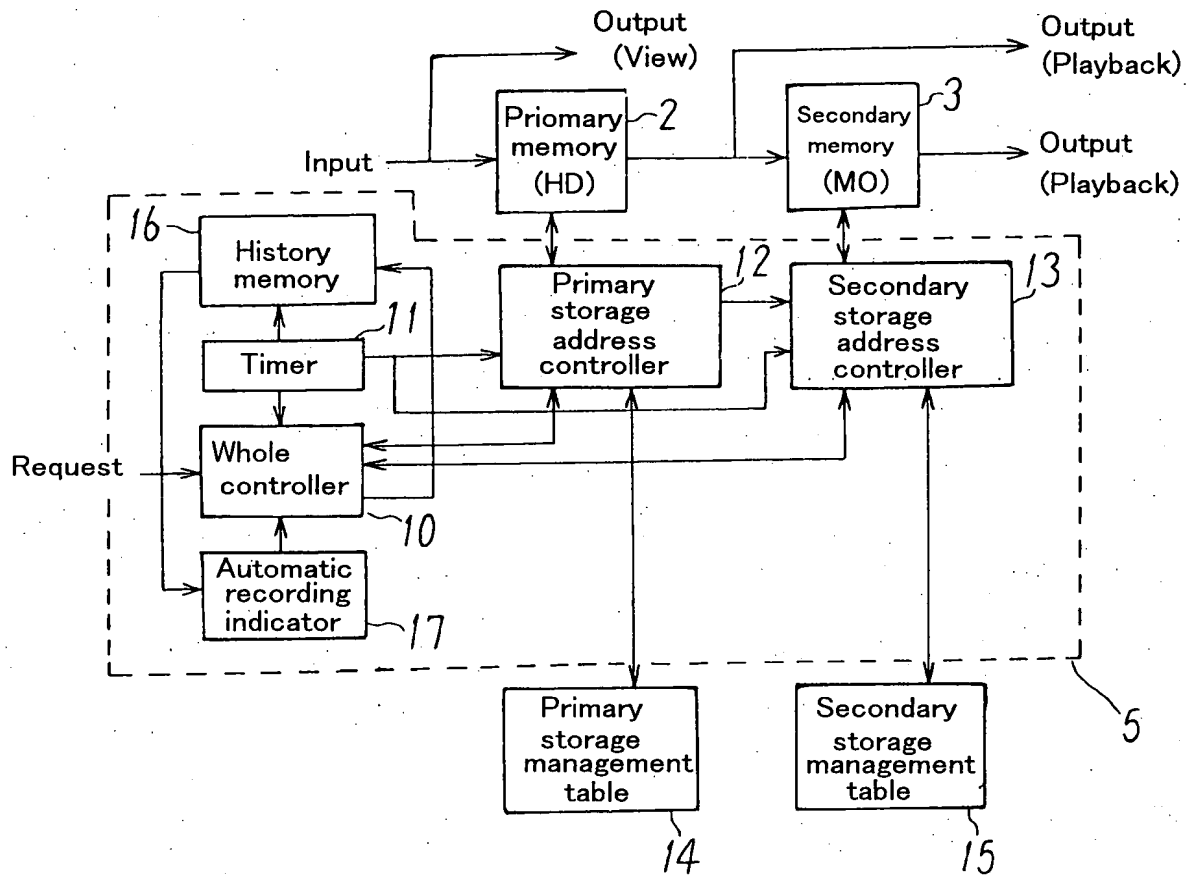


FIG. 3

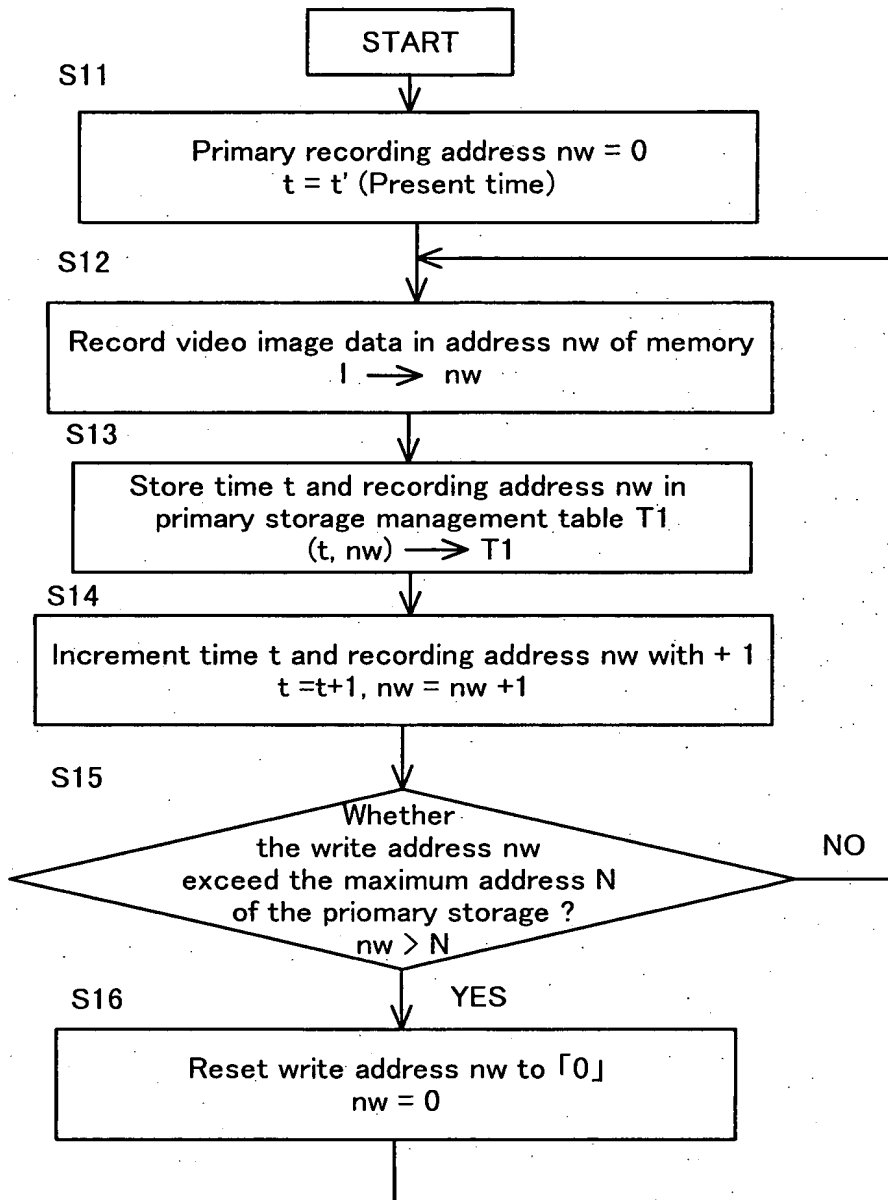
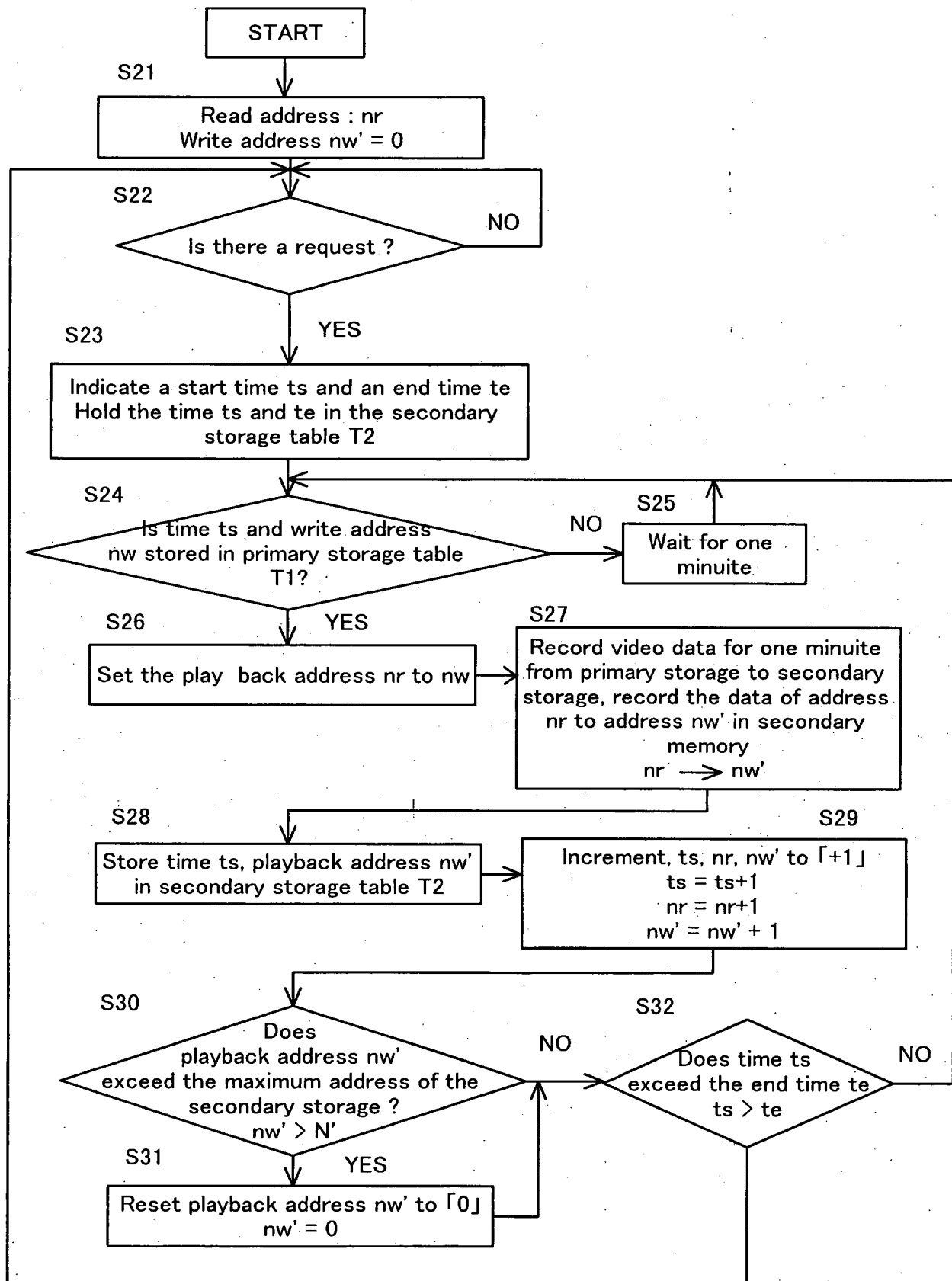


FIG. 4



# FIG. 5

Primary storage  
management table 14  
(Primary recording address)

TIME	PRIMARY RECORDING ADDRESS
9:00	0
9:01	1
9:02	2
...	...
9:14	14
9:15	15
9:16	16
...	...
8:59	119

Start of  
primary read →

End of  
primary  
read →

On primary  
write  
Present  
time : 9:16 →

Secondary storage  
management table 15  
(Secondary recording address)

TIME	SECONDARY RECORDING ADDRESS	IS RECORDED ?
9:01	0'	YES
9:02	1'	YES
9:03	2'	YES
...	...	...
9:14	13'	YES
	14	NO
	15	NO
...	...	...
	119'	NO

15-1

NAME OF RECORD	TIME	SECONDARY RECORDING ADDRESS
Record-1	14 minutes	0'-13'
...	...	...

FIG. 6

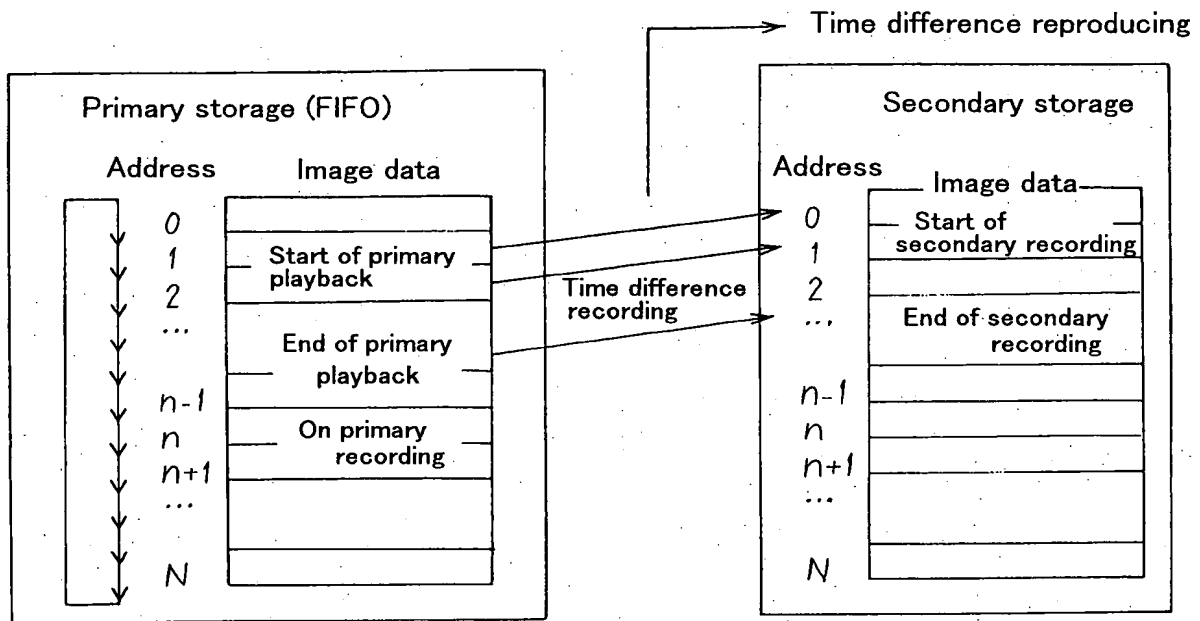


FIG. 7

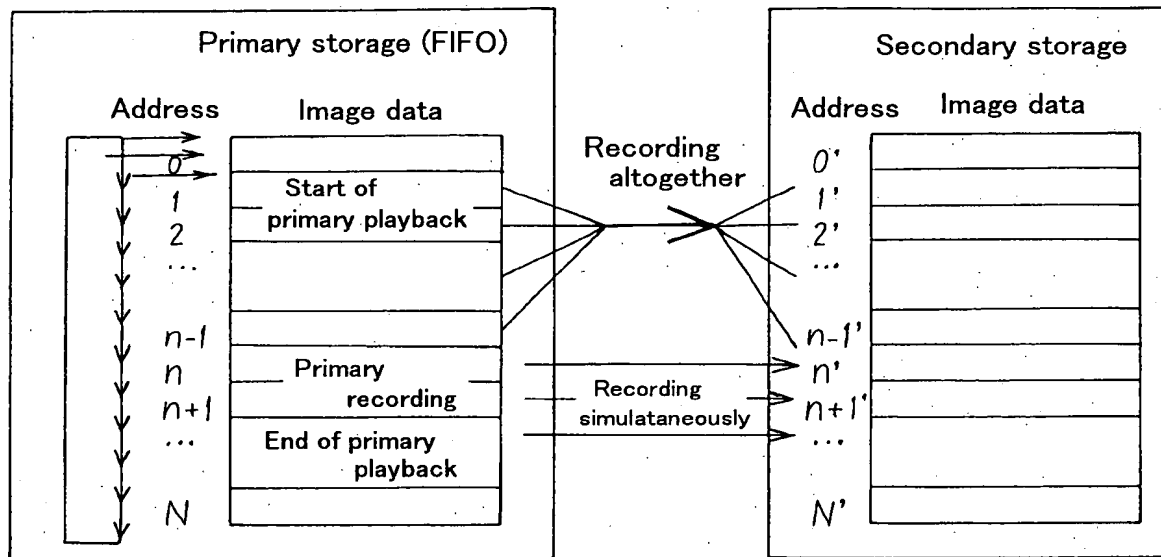


FIG. 8

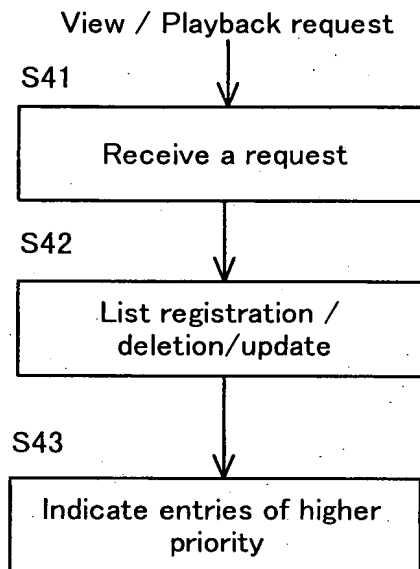




FIG. 9

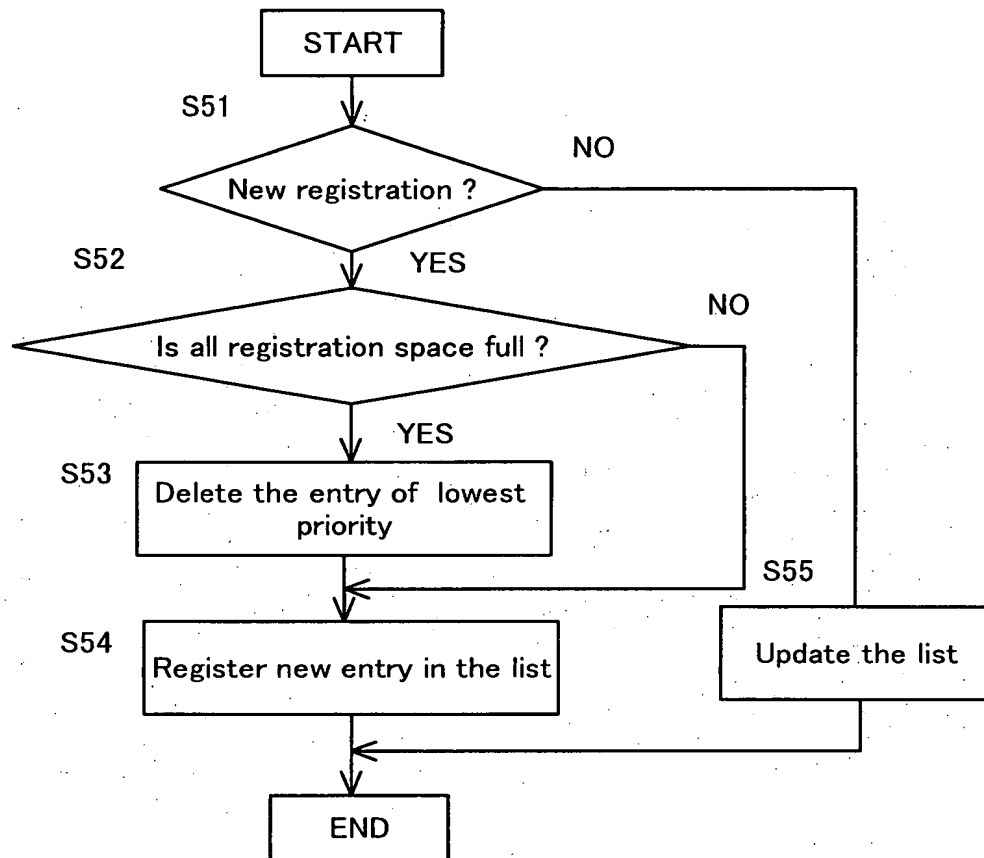


FIG. 10

VIEW / PLAYBACK LIST

Order	Day	CH	Start time	End time	Program title	Character name	Genre
1	SUN	6	8:30	10:00	\$\$\$	AAA	Information
2	SUN	8	18:30	19:00	!!!	BBB	Anime
3	MON	10	22:00	23:15	###	CCC	News
4	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.

FIG. 11

VIEW / PLAYBACK LIST

Order	Day	CH	Start time	End time	Program title	Character name	Genre
1	SUN	6	8:30	10:00	\$\$\$	AAA	Information
2	SUN	8	18:30	19:00	!!!	BBB	Anime
3	MON	10	22:00	23:15	###	CCC	News
4	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.

Transport

Registration  
again

New  
registration

FIG. 12

VIEW / PLAYBACK LIST

Order	Day	CH	Start time	End time	Program title	Character name	Genre	Frequency
1	SUN	6	8:30	10:00	\$\$\$	AAA	Information	50
2	SUN	8	18:30	19:00	!!!	BBB	Anime	30
3	MON	10	22:00	23:15	###	CCC	News	10
4	.	.	.	.	.	.	.	5
5	.	.	.	.	.	.	.	3
6	.	.	.	.	.	.	.	1

← New registration

FIG. 13

METHOD	NEW REGISTRATION	UPDATE
MTF	Register in a location of highest priority	Move to the location of highest priority
TRANSPORT	Register in a location of lowest priority	Exchange for an adjacent program of higher priority
FREQUENCY ORDER	Register in a location of lowest priority	Count up frequency 「+1」 update depending on frequency comparison

FIG. 14

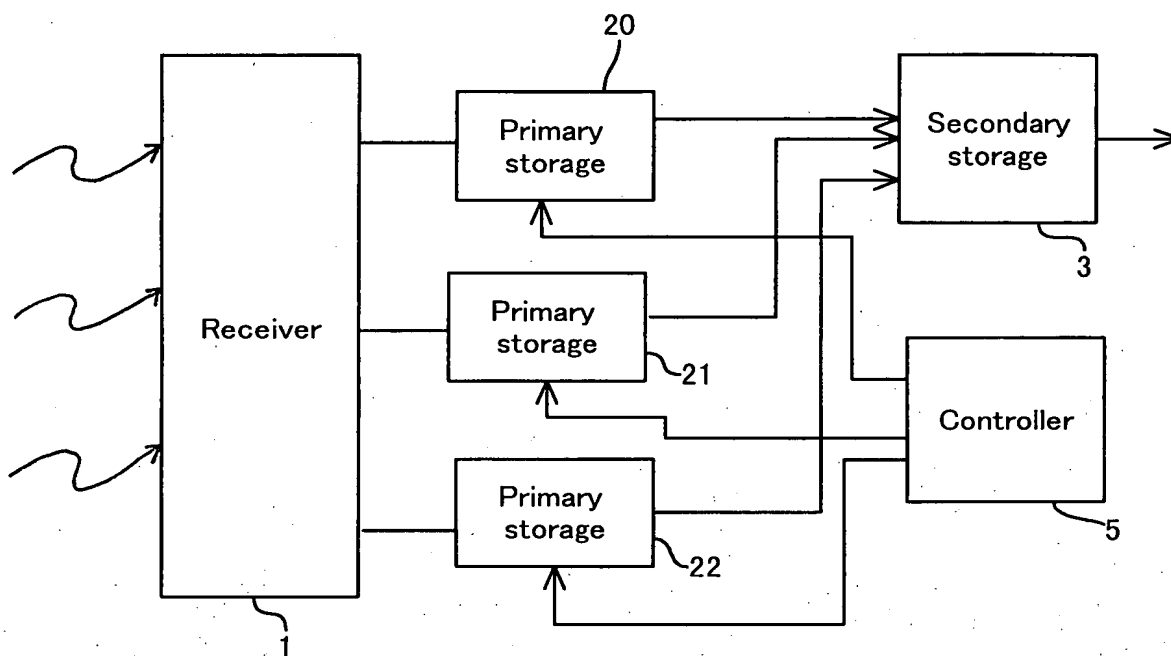


FIG. 15

PRIOR ART

